

ABSTRACT

The present invention relates to a thermoplastic styrenic resin composition comprises a styrenic copolymer comprising 15-100 parts by weight of a unit derived from a styrenic monomer (i-1), 0-45 parts by weight of a unit derived from a vinyl cyanide monomer (i-2), 0-40 parts by weight of a unit derived from a copolymerizable vinyl monomer (i-3) other than the above monomers, and 0.0005-1.0 parts by weight of a unit derived from a polyfunctional maleimide monomer, all based on 100 parts by weight of the total amount of (i-1) to (i-3). The thermoplastic styrenic resin composition manufactured in the present invention is excellent in processability. The rubber modified thermoplastic styrenic resin composition of the present invention gives a good heat stability, impact strength, fluidity and other mechanical properties. In addition, it also gives a uniform wall thickness, and the gloss on the surface of injected products after painting process is excellent. The thermoplastic styrenic resin composition and the rubber modified thermoplastic styrenic resin composition in this invention are applicable for electric and electronic articles and they are especially applicable for the forming and processing of refrigerator plates. So, the thermoplastic styrenic resin composition and the rubber modified thermoplastic styrenic resin composition of the present invention is beneficial to the industry is also commercially valuable.